

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)	
)	
Requirements of Waiver Recipients for)	PS Docket No. 06-229
Early Deployment of an Interoperable)	
Public Safety Broadband Network in the)	
700 MHz Band)	

**QUARTERLY REPORT FOR 700 MHz PUBLIC SAFETY BROADBAND
DEPLOYMENT OF THE CITY OF MESA ON BEHALF OF THE TRWC**

As required by FCC Waiver Order 10-79, the City of Mesa, as the Administrative Manager of the TOPAZ Regional Wireless Cooperative (TRWC), hereby files the Second Quarterly Status Report due on January 19, 2011.

I. Planning

Expected timing for development and issuance of any RFI/RFP

- A. The City of Mesa issued a Request for Proposal (RFP) on November 2, 2010 for a 700MHz LTE Broadband Wide-Area Mobile Data Network. The vendor proposals were due to be submitted to the City on December 30, 2010. Proposals have been received from several vendors. The City is in the process of reviewing the RFPs and expect to award a contract in early 2Q 2011.
- B. The City of Mesa has been actively participating in conference calls with the FCC, PSST and other waiver recipients. This also includes coordination discussions with neighboring waiver applicants & recipients and the State of Arizona Public Safety Interoperable Communications Office (PSIC).
- C. The City of Mesa and State of Arizona PSIC personnel participated in the PSCR Winter 2010 Demonstration Network Stakeholders Meeting in early December.

II. Funding

Status of efforts to obtain funding for planning and/or deployment, including budgeting, assessments, grants or other means

- A. Public Safety bond funding is available for the replacement of the obsolete narrowband UHF data network.
- B. Due to the unsuccessful attempt to secure BTOP grant funding, the City of Mesa is planning to deploy a scaled down version of the original LTE system plan. The scaled down version is planned to meet or exceed the minimum requirements of the Waiver Order 10-77 and Order DA10-2342.

III. Deployment

Status of equipment development and purchase, including number of devices and users

- A. No equipment has been purchased. Deployment schedule will be determined after the RFP responses have been evaluated and contract has been awarded to the successful vendor.

Site development, including use of existing towers

- A. Final system design will be developed in the RFP process. Existing municipality owned tower sites, will be utilized as much as possible. Existing microwave infrastructure and fiber optic circuits will provide sufficient bandwidth for the backhaul. Requirements for any new tower sites will depend on the final system design established in the RFP process.

Deployments and upgrades (commencement and completion), including site information and location.

- A. Final design and deployment timeline will be developed in the RFP process.
- B. City of Mesa will ensure that all public safety agencies operating within the geographic areas covered by City of Seattle's network will have access to the network.

Applications in development or in use

- A. There are no applications in development or in use at this time. City of Mesa expects to deploy a network that supports the applications as described in paragraph 46 of the waiver order.